

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): Light-guide body which has at least one light-entry surface and at least one light-exit surface, the ratio of the light-exit surface area to the light-entry surface area being at least 4, comprising at least one light-guiding layer, wherein the light-guiding layer comprises at least 60% by weight, expressed in terms of the weight of the light-guiding layer, of polymethyl methacrylate and from 0.0001 to 0.2% by weight, expressed in terms of the weight of the light-guiding layer, of spherical particles with an average diameter in the range of from 0.3 to 40 μm , and the light-exit surface of the light-guiding layer is provided with structurings, which structurings are capable of extracting light and have a depth in the range of from 0.1 μm to 1,000 μm .

Claim 2 (Previously Presented): Light-guide body according to Claim 1, wherein the ratio of the light-exit surface area to the light-entry surface area is at least 20.

Claim 3 (Previously Presented): Light-guide body according to Claim 1, wherein the thickness of the light-guiding layer is in the range of from 2 to 100 mm.

Claim 4 (Previously Presented): Light-guide body according to Claim 1, wherein the particles are made of barium sulfate, plastic, or both barium sulfate and plastic.

Claim 5 (Currently Amended): Light-guide body according to Claim 4, wherein the plastic particles are present and comprise crosslinked polystyrene.

Claim 6 (Previously Presented): Light-guide body according to Claim 1, wherein the light-exit surface has uniform structurings.

Claim 7 (Previously Presented): Light-guide body according to Claim 1, wherein the light-exit surface has nonuniform structurings.

Claim 8 (Previously Presented): Light-guide body according to Claim 1, wherein the structurings of the light-exit surface are in point form and/or in line form.

Claim 9 (Previously Presented): Light-guide body according to Claim 1, wherein the light-guide body comprises at least 90% by weight, expressed in terms of the weight of the light-guide body, of polymethyl methacrylate.

Claim 10 (Previously Presented): Light-guide body according to Claim 1, wherein the particles have an average diameter in the range of from 1.4 to 10 μm .

Claim 11 (Previously Presented): Light-guide body according to Claim 1, wherein the light-guiding layer has from 0.0005 to 0.08% by weight, expressed in terms of the weight of the light-guiding layer, of spherical particles.

Claim 12 (Previously Presented): Light-guide body according to Claim 1, wherein the polymethyl methacrylate of the light-guiding layer has a refractive index at the Na-D line (589 nm) and at 20°C in the range of from 1.48 to 1.54.

Claim 13 (Previously Presented): Light-guide body according to Claim 1, wherein the light-guiding layer has a transmission according to DIN 5036 in the range of from 75 to 92%.

Claim 14 (Previously Presented): Light-guide body according to Claim 1, wherein the light-exit surface is perpendicular to the light-entry surface.

Claim 15 (Previously Presented): Light-guide body according to Claim 1, wherein at least one surface, which is parallel to the light-entry surface, is configured with a reflective layer.

Claim 16 (Previously Presented): Process for producing a light-guide body according to Claim 1, wherein a molding composition having at least 60% by weight, expressed in terms of the weight of the molding composition, of polymethyl methacrylate and from 0.0001 to 0.2% by weight, expressed in terms of the weight of the molding composition, of spherical particles with an average diameter in the range of from 0.7 to 40 μm , is thermoplastically molded.

Claim 17 (Previously Presented): Process for producing a light-guide body according to Claim 1, wherein an acrylic resin having

A) 0.0001 - 0.2% by weight of spherical particles with an average diameter in the range of from 0.7 to 40 μm ,

B) 40 – 99.9999% by weight of methyl methacrylate,

C) 0 – 59.9999% by weight of comonomers,

D) 0 – 59.9999% by weight of polymers soluble in (B) or (C),

the components A) to D) adding up to 100%, is radical-polymerized.

Claim 18 (Previously Presented): Device for indirect lighting having at least one light-guide body according to Claim 1, and a light source, which can illuminate the light-entry surface of the light-guide body.

Claim 19 (New): Light-guide body according to Claim 1, wherein said depth is from 1 μm to 100 μm .

Claim 20 (New): Light-guide body according to Claim 1, wherein the barium sulfate particles are present.